

2027 MAINTENANCE GUIDE

Grand Highlander

TOYOTA

SAFETY PRECAUTIONS

Your Grand Highlander has both high-voltage DC and AC systems as well as a 12-volt system. Both DC and AC high voltage are very dangerous and can cause personal injury, severe burns, electric shock and even fatal injury.

To avoid personal injury, please follow all caution labels attached to high-voltage parts. Do not touch or attempt to remove or replace any high-voltage (orange-colored) wiring and connectors. Do not touch the service plug (orange service plug or green interlock plug). The service plug location is detailed in the *Owner's Manual* for the particular model.

If an accident occurs, do not touch any high-voltage wiring, connectors or parts such as the inverter unit or high-voltage hybrid battery (traction battery) assembly.

Do not touch the potassium hydroxide electrolyte that might spill or leak from the high-voltage hybrid battery (traction battery) as the result of an accident. If potassium hydroxide electrolyte gets on your skin or in your eyes, neutralize it immediately with a saturated boric acid solution (ratio: 80 grams boric acid to two liters water). Seek immediate medical attention.

If a vehicle fire occurs, extinguish it with a Class D powder-type fire extinguisher.

Toyota recommends having maintenance and repairs for your Toyota vehicle performed by an authorized Toyota dealership. To locate your nearest authorized Toyota dealership, contact the Toyota Brand Engagement Center at (800) 331-4331 or log on to www.toyota.com.

WELCOME TO THE TOYOTA FAMILY

Thank you for purchasing a Toyota vehicle. We know you have many options when considering which vehicle to buy, and we appreciate your decision to select Toyota.

We want you to enjoy owning your Toyota as much as you enjoy driving it. This digital guide is designed to help. Here you'll find information on Toyota's maintenance recommendations for your vehicle.

For more information about our vehicles, our company or the products and services available for your vehicle, please visit Toyota's official website, www.toyota.com.

We wish you many miles of safe and pleasurable driving, and we look forward to serving you in the years ahead. Welcome to the Toyota family!

All information in this digital guide is the latest available at the time of publication and is subject to change without notice.

Version: 10/8/26

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FIND IT ONLINE

Create a free My Toyota account or update your contact information and vehicle ownership status.

Your vehicle's VIN will be required to start the update process.

- Access *Owner's Manuals* and Warranty Guides
- View Your Vehicle's Service History
- Explore How-to videos and more

REGISTER/UPDATE

2027 MAINTENANCE GUIDE

1 MAINTENANCE INFORMATION

GRAND HIGHLANDER

MNT 1-1 THE IMPORTANCE OF SCHEDULED MAINTENANCE

Regular maintenance is essential to obtaining the highest level of performance, safety and reliability from your Toyota. It can also increase your vehicle's resale value. The following pages are designed to help you make sure your vehicle receives proper and timely maintenance. Along with other important information related to vehicle service, you'll find factory-recommended maintenance guidelines.

In addition to scheduled maintenance, your vehicle requires ongoing general maintenance such as fluid checks and visual inspections. These procedures are explained in the "Maintenance" section of the *Owner's Manual*. Be sure to perform these procedures regularly to ensure the most trouble-free operation of your vehicle.

With proper maintenance and care, your vehicle will last longer and deliver more dependable, economical performance. Follow this guide's recommendations and you'll enjoy maximum reliability and peace of mind from your Toyota for many years to come.

MNT 1-2

MAINTAINING YOUR WARRANTY

IMPORTANT MAINTENANCE INFORMATION

It is especially important to both routinely check your vehicle's engine oil level (once a month) and regularly replace the engine oil and oil filter (see the Maintenance Chart section of this guide to determine how often your vehicle's oil and filter should be replaced). Failure to do so can cause oil starvation and/or oil gelling, which can result in severe damage to your vehicle and require costly repairs that are not covered by the New Vehicle Limited Warranty.

Maintenance Records

Maintaining your vehicle according to the recommendations in this guide is required to ensure that your warranty coverage remains intact. You should keep detailed records of vehicle maintenance, including date of service, mileage at time of service and a description of service and/or parts installation performed. The scheduled maintenance chart in this guide can help you document this information. If you sell your vehicle, be sure to give your maintenance records to the new owner.

Toyota will not deny a warranty claim solely because you do not have records to show that you maintained your vehicle. However, damage or failure caused by lack of proper maintenance is not covered under warranty.

Maintenance Providers

Maintenance and repair services may be performed by you or by any automotive service provider you choose. Toyota will not deny a warranty claim solely because you used a service provider other than a Toyota dealership for maintenance and repairs. However, damage or failure caused by improper maintenance or repairs is not covered under warranty.

Toyota recommends maintenance and repair services be performed by a Toyota dealership or another qualified service center or repair shop.

Dealer-Recommended Maintenance

Your dealer may recommend more frequent maintenance intervals or more maintenance services than those listed in the scheduled maintenance chart. These additional services are not required to maintain your warranty coverage. Ask your dealer to explain any recommended maintenance not included in the scheduled maintenance chart.

For a complete description of Toyota warranty coverages, see the Warranty Information Guide located on our website.

MNT 1-3

USING THE MAINTENANCE CHARTS

Regular maintenance is essential to obtaining the highest level of performance, safety and reliability from your Toyota. It can also increase your vehicle's resale value. This guide presents Toyota's maintenance recommendations in convenient charts, so you can easily see what type of maintenance your vehicle needs.

To ensure that your vehicle receives quality service and parts, Toyota recommends having maintenance performed by an authorized Toyota dealership. Toyota dealership technicians are experts on Toyota vehicles, and they use Toyota Genuine Parts designed to your vehicle's exact specifications. When you go to a Toyota dealership, you can be confident that they will use Toyota Genuine Parts and have Toyota-trained technicians.

Miles or Months?

Toyota recommends obtaining scheduled maintenance for your vehicle every 5,000 miles or six months, whichever comes first.

For example:

- If you drive 5,000 miles in less than six months, you should obtain maintenance at **5,000 miles** — don't wait until six months.
- If at six months you have driven less than 5,000 miles, you should obtain maintenance at **six months** — don't wait until 5,000 miles.

Be sure to keep an eye on your mileage so that you obtain maintenance when recommended. If you are a low-mileage driver, mark your calendar to remind yourself to obtain maintenance every six months.

Special Operating Conditions

In addition to standard maintenance items, the maintenance chart indicates services that should be performed on vehicles that are driven under especially demanding conditions. These "special operating conditions" and their required maintenance items are clearly indicated in each chart.

NOTE: You should perform these additional maintenance services only if the majority of your driving is done under the special operating conditions indicated. If you only **occasionally** drive under these circumstances, it is not necessary to perform the additional services.

Engine Oil Selection

Please refer to your *Owner's Manual* for the specific oil viscosity rating recommended for your vehicle/engine type.

Additional Maintenance

In addition to scheduled maintenance, your Toyota requires ongoing general maintenance, such as fluid checks and visual inspections. These procedures are explained in the "Maintenance" section of the *Owner's Manual*. Be sure to perform these procedures regularly to ensure the most trouble-free operation of your vehicle.

SuperChrome and Alloy Wheel Care

If you purchased Genuine Toyota Accessory SuperChrome or Aluminum Alloy Wheels, follow these cleaning guidelines to maintain the appearance of your wheels:

- If wheels are hot, wait for them to cool before washing.
- Use a soft sponge or cotton cloth to apply the same mild car-wash soap as used for the vehicle body. Quickly rinse off with water. Use a soft cloth to apply the same car wax as used for the vehicle body.
- DO NOT USE: Any kind of chemical-based cleaners, alcohol, solvents, gasoline, steam cleaners, scouring pads, wire brushes or coarse abrasives to clean your wheels. Aggressive, acidic or alkaline cleaning agents can destroy the protective layer of adjacent components, such as the brake disc.

MNT 1-4

MAINTENANCE CHARTS

Recommended Service I: Inspect, P: Perform, R: Replace, T: Torque	5k/ 6mo	10k/ 12mo	15k/ 18mo	20k/ 24mo	25k/ 30mo	30k/ 36mo
Add EFI Tank Additive (Hawaii only)	P	P	P	P	P	P
All Fluid Levels[1]	I	I	I	I	I	I
Automatic Transmission Fluid						I
Automatic Transmission Fluid Cooler Hoses and Connections						I
Ball Joints and Dust Covers			I			I
Brake Lines and Hoses			I			I
Brake Linings/Drums and Brake Pads/Discs[2]	I	I	I	I	I	I
Cabin Air Filter[3]						R
Drive Shaft Boots			I			I
Engine Air Filter						R
Engine Oil and Oil Filter[4]		R		R		R
Exhaust Pipes and Mountings			I			I
Fuel Lines and Connections, Fuel Tank Band and Fuel Tank Vapor Vent System Hoses						I
Fuel Tank Cap Gasket						I
Installation of Driver's Floor Mat	I	I	I	I	I	I
Propeller Shaft Bolts (if applicable)			T			T
Radiator/Condenser/Intercooler (if applicable)			I			I
Rear Differential Oil (if applicable)			I			R
Rotate Tires	P	P	P	P	P	P
Steering Gear			I			I
Steering Linkage and Boots			I			I
Transfer Case Oil (if applicable)			I			R
Wiper Blades	I	I	I	I	I	I

Recommended Services and Special Operating Conditions continue on next page.

[1] Inspect sealed transmissions, transfer cases, and differentials for signs of leakage. If any leakage from a sealed component is suspected, it is recommended that you have the sealed component inspected by a Toyota dealer. Inspect power steering fluid (if equipped) and brake fluid level/condition. Inspect engine and inverter (if equipped) coolant level/condition/freezing point. Your dealer may recommend services (Dealer-Recommended Maintenance) based on inspection results.

[2] Visually inspect every 5,000 miles, and inspect thickness and disc runout every 30,000 miles.

[3] Driving in certain conditions such as heavy traffic areas, urban areas, dusty areas, desert areas, or dirt roads may shorten the air conditioning filter's life and require earlier replacement.

[4] Replace both the engine oil and oil filter, even when the maintenance reminder does not appear, after 12 months have passed, or when driven over 10,000 miles since the last oil change. This may cause the maintenance reminder to appear even when driven less than 10,000 miles. Replace both engine oil and oil filter every 5,000 miles or 6 months, in which the vehicle is mainly driven on dirt or dusty roads or repeated trips of less than five miles in temperatures below freezing (32°F/0°C), even when the maintenance reminder does not appear.

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Special Operating Conditions I: Inspect, P: Perform, R: Replace, T: Torque	5k/ 6mo	10k/ 12mo	15k/ 18mo	20k/ 24mo	25k/ 30mo	30k/ 36mo
Perform these service items only if you drive primarily under the conditions indicated.						
Automatic Transmission Fluid[8,9]						I
Ball Joints and Dust Covers[6]	I	I	I	I	I	I
Drive Shaft Boots[6]	I	I	I	I	I	I
Engine Air Filter[6]	I	I	I	I	I	R
Engine Oil and Oil Filter[5]	R	R	R	R	R	R
Nuts and Bolts on Chassis and Body[6,8]	T	T	T	T	T	T
Propeller Shaft Bolts[6,7,8] (if applicable)	T	T	T	T	T	T
Rear Differential Oil[8] (if applicable)			R			R
Steering Linkage and Boots[6]	I	I	I	I	I	I
Transfer Case Oil[8] (if applicable)			R			R

[5] Replace both the engine oil and oil filter, even when the maintenance reminder does not appear, after 12 months have passed, or when driven over 10,000 miles since the last oil change. This may cause the maintenance reminder to appear even when driven less than 10,000 miles. Replace both engine oil and oil filter every 5,000 miles or 6 months, in which the vehicle is mainly driven on dirt or dusty roads or repeated trips of less than five miles in temperatures below freezing (32°F/0°C), even when the maintenance reminder does not appear.

[6] Perform this service if you drive on dirt roads or dusty roads.

[7] Including operation on road which has road salt applied.

[8] Perform this service if you drive while towing a trailer, using a car-top carrier, or heavy vehicle loading. Not all vehicles are designed for towing. Refer to your Vehicle *Owner's Manual* for details.

[9] Perform this service if you operate with extensive idling and/or low-speed driving for a long distance, such as police, professional/private use like taxi or door-to-door delivery use.

Recommended Service I: Inspect, P: Perform, R: Replace, T: Torque	35k/ 42mo	40k/ 48mo	45k/ 54mo	50k/ 60mo	55k/ 66mo	60k/ 72mo
Add EFI Tank Additive (Hawaii only)	P	P	P	P	P	P
All Fluid Levels[1]	I	I	I	I	I	I
Automatic Transmission Fluid						I
Automatic Transmission Fluid Cooler Hoses and Connections						I
Ball Joints and Dust Covers			I			I
Brake Lines and Hoses			I			I
Brake Linings/Drums and Brake Pads/Discs[2]	I	I	I	I	I	I
Cabin Air Filter[3]						R
Drive Belts						I
Drive Shaft Boots			I			I
Engine Air Filter						R
Engine Oil and Oil Filter[4]		R		R		R
Exhaust Pipes and Mountings			I			I
Fuel Lines and Connections, Fuel Tank Band and Fuel Tank Vapor Vent System Hoses						I
Fuel Tank Cap Gasket						I
Installation of Driver's Floor Mat	I	I	I	I	I	I
Propeller Shaft Bolts (if applicable)			T			T
Radiator/Condenser/Intercooler (if applicable)			I			I
Rear Differential Oil (if applicable)			I			R
Rotate Tires	P	P	P	P	P	P
Spark Plugs[5]		R				
Steering Gear			I			I
Steering Linkage and Boots			I			I
Transfer Case Oil (if applicable)			I			R
Wiper Blades	I	I	I	I	I	I

Recommended Services and Special Operating Conditions continue on next page.

[1] Inspect sealed transmissions, transfer cases, and differentials for signs of leakage. If any leakage from a sealed component is suspected, it is recommended that you have the sealed component inspected by a Toyota dealer. Inspect power steering fluid (if equipped) and brake fluid level/condition. Inspect engine and inverter (if equipped) coolant level/condition/freezing point. Your dealer may recommend services (Dealer-Recommended Maintenance) based on inspection results.

[2] Visually inspect every 5,000 miles, and inspect thickness and disc runout every 30,000 miles.

[3] Driving in certain conditions such as heavy traffic areas, urban areas, dusty areas, desert areas, or dirt roads may shorten the air conditioning filter's life and require earlier replacement.

[4] Replace both the engine oil and oil filter, even when the maintenance reminder does not appear, after 12 months have passed, or when driven over 10,000 miles since the last oil change. This may cause the maintenance reminder to appear even when driven less than 10,000 miles. Replace both engine oil and oil filter every 5,000 miles or 6 months, in which the vehicle is mainly driven on dirt or dusty roads or repeated trips of less than five miles in temperatures below freezing (32°F/0°C), even when the maintenance reminder does not appear.

[5] Maintenance services of spark plugs are required under the terms of the Emission Control Warranty.

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Special Operating Conditions I: Inspect, P: Perform, R: Replace, T: Torque	35k/ 42mo	40k/ 48mo	45k/ 54mo	50k/ 60mo	55k/ 66mo	60k/ 72mo
Perform these service items only if you drive primarily under the conditions indicated.						
Automatic Transmission Fluid[9,10]						R
Ball Joints and Dust Covers[7]	I	I	I	I	I	I
Drive Shaft Boots[7]	I	I	I	I	I	I
Engine Air Filter[7]	I	I	I	I	I	R
Engine Oil and Oil Filter[6]	R	R	R	R	R	R
Nuts and Bolts on Chassis and Body[7,9]	T	T	T	T	T	T
Propeller Shaft Bolts[7,8,9] (if applicable)	T	T	T	T	T	T
Rear Differential Oil[9] (if applicable)			R			R
Steering Linkage and Boots[7]	I	I	I	I	I	I
Transfer Case Oil[9] (if applicable)			R			R

[6] Replace both the engine oil and oil filter, even when the maintenance reminder does not appear, after 12 months have passed, or when driven over 10,000 miles since the last oil change. This may cause the maintenance reminder to appear even when driven less than 10,000 miles. Replace both engine oil and oil filter every 5,000 miles or 6 months, in which the vehicle is mainly driven on dirt or dusty roads or repeated trips of less than five miles in temperatures below freezing (32°F/0°C), even when the maintenance reminder does not appear.

[7] Perform this service if you drive on dirt roads or dusty roads.

[8] Including operation on road which has road salt applied.

[9] Perform this service if you drive while towing a trailer, using a car-top carrier, or heavy vehicle loading. Not all vehicles are designed for towing. Refer to your Vehicle *Owner's Manual* for details.

[10] Perform this service if you operate with extensive idling and/or low-speed driving for a long distance, such as police, professional/private use like taxi or door-to-door delivery use.

Recommended Service I: Inspect, P: Perform, R: Replace, T: Torque	65k/ 78mo	70k/ 84mo	75k/ 90mo	80k/ 96mo	85k/ 102mo	90k/ 108mo
Add EFI Tank Additive (Hawaii only)	P	P	P	P	P	P
All Fluid Levels[1]	I	I	I	I	I	I
Automatic Transmission Fluid						I
Automatic Transmission Fluid Cooler Hoses and Connections						I
Ball Joints and Dust Covers			I			I
Brake Lines and Hoses			I			I
Brake Linings/Drums and Brake Pads/Discs[2]	I	I	I	I	I	I
Cabin Air Filter[3]						R
Drive Belts			I			I
Drive Shaft Boots			I			I
Engine Air Filter						R
Engine Oil and Oil Filter[4]		R		R		R
Exhaust Pipes and Mountings			I			I
Fuel Lines and Connections, Fuel Tank Band and Fuel Tank Vapor Vent System Hoses						I
Fuel Tank Cap Gasket						I
Installation of Driver's Floor Mat	I	I	I	I	I	I
Propeller Shaft Bolts (if applicable)			T			T
Radiator/Condenser/Intercooler (if applicable)			I			I
Rear Differential Oil (if applicable)			I			R
Rotate Tires	P	P	P	P	P	P
Spark Plugs[5]				R		
Steering Gear			I			I
Steering Linkage and Boots			I			I
Transfer Case Oil (if applicable)			I			R
Wiper Blades	I	I	I	I	I	I

Recommended Services and Special Operating Conditions continue on next page.

[1] Inspect sealed transmissions, transfer cases, and differentials for signs of leakage. If any leakage from a sealed component is suspected, it is recommended that you have the sealed component inspected by a Toyota dealer. Inspect power steering fluid (if equipped) and brake fluid level/condition. Inspect engine and inverter (if equipped) coolant level/condition/freezing point. Your dealer may recommend services (Dealer-Recommended Maintenance) based on inspection results.

[2] Visually inspect every 5,000 miles, and inspect thickness and disc runout every 30,000 miles.

[3] Driving in certain conditions such as heavy traffic areas, urban areas, dusty areas, desert areas, or dirt roads may shorten the air conditioning filter's life and require earlier replacement.

[4] Replace both the engine oil and oil filter, even when the maintenance reminder does not appear, after 12 months have passed, or when driven over 10,000 miles since the last oil change. This may cause the maintenance reminder to appear even when driven less than 10,000 miles. Replace both engine oil and oil filter every 5,000 miles or 6 months, in which the vehicle is mainly driven on dirt or dusty roads or repeated trips of less than five miles in temperatures below freezing (32°F/0°C), even when the maintenance reminder does not appear.

[5] Maintenance services of spark plugs are required under the terms of the Emission Control Warranty.

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Special Operating Conditions I: Inspect, P: Perform, R: Replace, T: Torque	65k/ 78mo	70k/ 84mo	75k/ 90mo	80k/ 96mo	85k/ 102mo	90k/ 108mo
Perform these service items only if you drive primarily under the conditions indicated.						
Automatic Transmission Fluid[9,10]						I
Ball Joints and Dust Covers[7]	I	I	I	I	I	I
Drive Shaft Boots[7]	I	I	I	I	I	I
Engine Air Filter[7]	I	I	I	I	I	R
Engine Oil and Oil Filter[6]	R	R	R	R	R	R
Nuts and Bolts on Chassis and Body[7,9]	T	T	T	T	T	T
Propeller Shaft Bolts[7,8,9] (if applicable)	T	T	T	T	T	T
Rear Differential Oil[9] (if applicable)			R			R
Steering Linkage and Boots[7]	I	I	I	I	I	I
Transfer Case Oil[9] (if applicable)			R			R

[6] Replace both the engine oil and oil filter, even when the maintenance reminder does not appear, after 12 months have passed, or when driven over 10,000 miles since the last oil change. This may cause the maintenance reminder to appear even when driven less than 10,000 miles. Replace both engine oil and oil filter every 5,000 miles or 6 months, in which the vehicle is mainly driven on dirt or dusty roads or repeated trips of less than five miles in temperatures below freezing (32°F/0°C), even when the maintenance reminder does not appear.

[7] Perform this service if you drive on dirt roads or dusty roads.

[8] Including operation on road which has road salt applied.

[9] Perform this service if you drive while towing a trailer, using a car-top carrier, or heavy vehicle loading. Not all vehicles are designed for towing. Refer to your Vehicle *Owner's Manual* for details.

[10] Perform this service if you operate with extensive idling and/or low-speed driving for a long distance, such as police, professional/private use like taxi or door-to-door delivery use.

Recommended Service I: Inspect, P: Perform, R: Replace, T: Torque	95k/ 114mo	100k/ 120mo	105k/ 126mo	110k/ 132mo	115k/ 138mo	120k/ 144mo
Add EFI Tank Additive (Hawaii only)	P	P	P	P	P	P
All Fluid Levels[1]	I	I	I	I	I	I
Automatic Transmission Fluid						I
Automatic Transmission Fluid Cooler Hoses and Connections						I
Ball Joints and Dust Covers			I			I
Brake Lines and Hoses			I			I
Brake Linings/Drums and Brake Pads/Discs[2]	I	I	I	I	I	I
Cabin Air Filter[3]						R
Drive Belts			I			I
Drive Shaft Boots			I			I
Engine Air Filter						R
Engine Coolant/Intercooler Coolant[4] (if applicable)		R				
Engine Oil and Oil Filter[5]		R		R		R
Exhaust Pipes and Mountings			I			I
Fuel Lines and Connections, Fuel Tank Band and Fuel Tank Vapor Vent System Hoses						I
Fuel Tank Cap Gasket						I
Installation of Driver's Floor Mat	I	I	I	I	I	I
Propeller Shaft Bolts (if applicable)			T			T
Radiator/Condenser/Intercooler (if applicable)			I			I
Rear Differential Oil (if applicable)			I			R
Rotate Tires	P	P	P	P	P	P
Spark Plugs[6]						R
Steering Gear			I			I
Steering Linkage and Boots			I			I
Transfer Case Oil (if applicable)			I			R
Vacuum Pump for Brake Booster[7]						I
Wiper Blades	I	I	I	I	I	I

Recommended Services and Special Operating Conditions continue on next page.

[1] Inspect sealed transmissions, transfer cases, and differentials for signs of leakage. If any leakage from a sealed component is suspected, it is recommended that you have the sealed component inspected by a Toyota dealer. Inspect power steering fluid (if equipped) and brake fluid level/condition. Inspect engine and inverter (if equipped) coolant level/condition/freezing point. Your dealer may recommend services (Dealer-Recommended Maintenance) based on inspection results.

[2] Visually inspect every 5,000 miles, and inspect thickness and disc runout every 30,000 miles.

[3] Driving in certain conditions such as heavy traffic areas, urban areas, dusty areas, desert areas, or dirt roads may shorten the air conditioning filter's life and require earlier replacement.

[4] Initial engine/intercooler coolant (if applicable) replacement at 100,000 miles/120 months. Replace every 50,000 miles/60 months thereafter.

[5] Replace both the engine oil and oil filter, even when the maintenance reminder does not appear, after 12 months have passed, or when driven over 10,000 miles since the last oil change. This may cause the maintenance reminder to appear even when driven less than 10,000 miles. Replace both engine oil and oil filter every 5,000 miles or 6 months, in which the vehicle is mainly driven on dirt or dusty roads or repeated trips of less than five miles in temperatures below freezing (32°F/0°C), even when the maintenance reminder does not appear.

[6] Maintenance services of spark plugs are required under the terms of the Emission Control Warranty.

[7] Replace the vacuum pump vane and the vacuum pump vane caps with new ones and never reuse the vacuum pump vane and the vacuum pump vane caps.

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Special Operating Conditions I: Inspect, P: Perform, R: Replace, T: Torque	95k/ 114mo	100k/ 120mo	105k/ 126mo	110k/ 132mo	115k/ 138mo	120k/ 144mo
Perform these service items only if you drive primarily under the conditions indicated.						
Automatic Transmission Fluid[11,12]						R
Ball Joints and Dust Covers[9]	I	I	I	I	I	I
Drive Shaft Boots[9]	I	I	I	I	I	I
Engine Air Filter[9]	I	I	I	I	I	R
Engine Oil and Oil Filter[8]	R	R	R	R	R	R
Nuts and Bolts on Chassis and Body[9,11]	T	T	T	T	T	T
Propeller Shaft Bolts[9,10,11] (if applicable)	T	T	T	T	T	T
Rear Differential Oil[11] (if applicable)			R			R
Steering Linkage and Boots[9]	I	I	I	I	I	I
Transfer Case Oil[11] (if applicable)			R			R

[8] Replace both the engine oil and oil filter, even when the maintenance reminder does not appear, after 12 months have passed, or when driven over 10,000 miles since the last oil change. This may cause the maintenance reminder to appear even when driven less than 10,000 miles. Replace both engine oil and oil filter every 5,000 miles or 6 months, in which the vehicle is mainly driven on dirt or dusty roads or repeated trips of less than five miles in temperatures below freezing (32°F/0°C), even when the maintenance reminder does not appear.

[9] Perform this service if you drive on dirt roads or dusty roads.

[10] Including operation on road which has road salt applied.

[11] Perform this service if you drive while towing a trailer, using a car-top carrier, or heavy vehicle loading. Not all vehicles are designed for towing. Refer to your Vehicle *Owner's Manual* for details.

[12] Perform this service if you operate with extensive idling and/or low-speed driving for a long distance, such as police, professional/private use like taxi or door-to-door delivery use.

Recommended Service I: Inspect, P: Perform, R: Replace, T: Torque	125k/ 150mo	130k/ 156mo	135k/ 162mo	140k/ 168mo	145k/ 172mo	150k/ 178mo
Add EFI Tank Additive (Hawaii only)	P	P	P	P	P	P
All Fluid Levels[1]	I	I	I	I	I	I
Automatic Transmission Fluid						I
Automatic Transmission Fluid Cooler Hoses and Connections						I
Ball Joints and Dust Covers			I			I
Brake Lines and Hoses			I			I
Brake Linings/Drums and Brake Pads/Discs[2]	I	I	I	I	I	I
Cabin Air Filter[3]						R
Drive Belts			I			I
Drive Shaft Boots			I			I
Engine Air Filter						R
Engine Coolant/Intercooler Coolant[4] (if applicable)						R
Engine Oil and Oil Filter[5]		R		R		R
Exhaust Pipes and Mountings			I			I
Fuel Lines and Connections, Fuel Tank Band and Fuel Tank Vapor Vent System Hoses						I
Fuel Tank Cap Gasket						I
Installation of Driver's Floor Mat	I	I	I	I	I	I
Propeller Shaft Bolts (if applicable)			T			T
Radiator/Condenser/Intercooler (if applicable)			I			I
Rear Differential Oil (if applicable)			I			R
Rotate Tires	P	P	P	P	P	P
Steering Gear			I			I
Steering Linkage and Boots			I			I
Transfer Case Oil (if applicable)			I			R
Wiper Blades	I	I	I	I	I	I

Recommended Services and Special Operating Conditions continue on next page.

[1] Inspect sealed transmissions, transfer cases, and differentials for signs of leakage. If any leakage from a sealed component is suspected, it is recommended that you have the sealed component inspected by a Toyota dealer. Inspect power steering fluid (if equipped) and brake fluid level/condition. Inspect engine and inverter (if equipped) coolant level/condition/freezing point. Your dealer may recommend services (Dealer-Recommended Maintenance) based on inspection results.

[2] Visually inspect every 5,000 miles, and inspect thickness and disc runout every 30,000 miles.

[3] Driving in certain conditions such as heavy traffic areas, urban areas, dusty areas, desert areas, or dirt roads may shorten the air conditioning filter's life and require earlier replacement.

[4] Initial engine/intercooler coolant (if applicable) replacement at 100,000 miles/120 months. Replace every 50,000 miles/60 months thereafter.

[5] Replace both the engine oil and oil filter, even when the maintenance reminder does not appear, after 12 months have passed, or when driven over 10,000 miles since the last oil change. This may cause the maintenance reminder to appear even when driven less than 10,000 miles. Replace both engine oil and oil filter every 5,000 miles or 6 months, in which the vehicle is mainly driven on dirt or dusty roads or repeated trips of less than five miles in temperatures below freezing (32°F/0°C), even when the maintenance reminder does not appear.

Special Operating Conditions I: Inspect, P: Perform, R: Replace, T: Torque	125k/ 150mo	130k/ 156mo	135k/ 162mo	140k/ 168mo	145k/ 172mo	150k/ 178mo
Perform these service items only if you drive primarily under the conditions indicated.						
Automatic Transmission Fluid[9,10]						I
Ball Joints and Dust Covers[7]	I	I	I	I	I	I
Drive Shaft Boots[7]	I	I	I	I	I	I
Engine Air Filter[7]	I	I	I	I	I	R
Engine Oil and Oil Filter[6]	R	R	R	R	R	R
Nuts and Bolts on Chassis and Body[7,9]	T	T	T	T	T	T
Propeller Shaft Bolts[7,8,9] (if applicable)	T	T	T	T	T	T
Rear Differential Oil[9] (if applicable)			R			R
Steering Linkage and Boots[7]	I	I	I	I	I	I
Transfer Case Oil[9] (if applicable)			R			R

[6] Replace both the engine oil and oil filter, even when the maintenance reminder does not appear, after 12 months have passed, or when driven over 10,000 miles since the last oil change. This may cause the maintenance reminder to appear even when driven less than 10,000 miles. Replace both engine oil and oil filter every 5,000 miles or 6 months, in which the vehicle is mainly driven on dirt or dusty roads or repeated trips of less than five miles in temperatures below freezing (32°F/0°C), even when the maintenance reminder does not appear.

[7] Perform this service if you drive on dirt roads or dusty roads.

[8] Including operation on road which has road salt applied.

[9] Perform this service if you drive while towing a trailer, using a car-top carrier, or heavy vehicle loading. Not all vehicles are designed for towing. Refer to your Vehicle *Owner's Manual* for details.

[10] Perform this service if you operate with extensive idling and/or low-speed driving for a long distance, such as police, professional/private use like taxi or door-to-door delivery use.

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EXPLANATION OF MAINTENANCE ITEMS

The following descriptions are provided to give you a better understanding of the maintenance items that should be performed on your vehicle. The scheduled maintenance chart indicates at which mileage/time intervals each item should be performed. Please note that many maintenance items should be performed by a Toyota dealership or another qualified service center or repair shop. Records of regular maintenance and repair work should be retained.

For further information on maintenance items you can perform yourself, see the "Maintenance" section of the *Owner's Manual*.

Ball Joints and Dust Covers

Check the suspension and steering linkage ball joints for looseness and damage. Check all dust covers for deterioration and damage. Replace any deteriorated or damaged parts. A qualified technician should perform these services.

Brake Lines and Hoses

Visually inspect for proper installation. Check for chafing, cracks, deterioration and signs of leakage. Replace any deteriorated or damaged parts. A qualified technician should perform these services.

Brake Linings/Drums and Brake Pads/Discs

Check the brake linings (shoes) and drums for scoring, burning, fluid leakage, broken parts and excessive wear. Check the pads for excessive wear and the discs for runout, excessive wear and fluid leakage. Replace any deteriorated or damaged parts. A qualified technician should perform these services.

Cabin Air Filter

Replace at specified intervals. Driving in heavy traffic, on dirt roads, or in urban, desert, or dusty areas may reduce the filter's lifespan, requiring more frequent replacement.

Differential Oil

Inspect or replace at specified intervals. Inspect each differential component for signs of leakage. If you discover any leakage, have it repaired immediately by a qualified technician. Refer to your *Owner's Manual* for fluid specifications.

Drive Belts

Inspect for cracks, excessive wear and oiliness. Check the belt tension and adjust if necessary. Replace the belts if they are damaged.

Drive Shaft

Replace any deteriorated or damaged parts and, if necessary, repack the grease. Only a qualified technician should perform these services.

- Boots: Check the drive shaft boots and clamps for cracks, deterioration and damage.

Driver's Floor Mat

- Only use the driver's floor mat designed specifically for the model and model year of your vehicle.
- Always properly secure the driver's floor mat using the equipped retainers.
- Never install another floor mat on top of the existing driver's floor mat.
- Never install the driver's floor mat upside down.

Engine Air Filter

Inspect or replace at specified intervals. When performing inspections, check for damage, excessive wear and oiliness, and replace if necessary.

Engine/Inverter/Intercooler Coolant (if applicable)

When inspecting, visually check the level of the engine/inverter/intercooler coolants on the see-through reservoirs. Also check the hose connections for corrosion and condition of installation. Add coolant as necessary. When replacing, drain the cooling system and refill with coolant. Always use Toyota Genuine Super Long-Life Coolant or similar high-quality non-silicate, non-amine, non-nitrate, non-borate ethylene-glycol coolant with long-life hybrid organic acid technology (i.e., a combination of low phosphates and organic acids). A qualified technician should perform these operations. Please refer to the important safety precautions on the inside front cover of this booklet.

Engine Oil and Oil Filter

Replace the oil filter and drain and refill the engine oil at specified intervals. For recommended oil grade, viscosity, and instructions on how to reset the reminder light, refer to your *Owner's Manual*.

For customers who drive their vehicle under any of the listed **Special Operating Conditions** or repeated trips of less than five miles in temperatures below freezing (32˚F/0˚C), the engine oil and filter should be replaced at 5,000 miles or six months, REGARDLESS OF THE OIL USED (OR CERTIFICATION OF THE VEHICLE).

Exhaust Pipes and Mountings

Visually inspect the exhaust pipes, muffler and hangers for cracks, deterioration and damage. Start the engine and listen carefully for any exhaust gas leakage. Tighten connections or replace parts as necessary.

Fuel Lines and Connections, Fuel Tank Band and Fuel Tank Vapor Vent System Hoses

Visually inspect for corrosion, damage, cracks, and loose or leaking connections. Tighten connections or replace parts as necessary.

Fuel Tank Cap Gasket

Visually inspect for cracks, deterioration and damage and replace if necessary.

Nuts and Bolts on Chassis and Body

Retighten the seat-mounting bolts and front/rear suspension member retaining bolts to specified torque.

Propeller Shaft

Only a qualified technician should perform this service.

- Nuts and Bolts: Re-torque the propeller shaft nuts and bolts.

Radiator/Condenser/Intercooler (if applicable)

Check for any signs of damage or blockage by leaves, dirt or insects. Also check the hoses for leaks, corrosion and condition of installation. Clean if necessary. Have any problems repaired immediately by a qualified technician.

Spark Plugs

Replace at specified intervals. Install new plugs of the same type as originally equipped. A qualified technician should perform this service.

Steering Gear

Inspect for signs of leakage. If you discover any leakage, have it repaired immediately by a qualified technician.

Steering Linkage and Boots

With the vehicle stopped, check for excessive freeplay in the steering wheel. Inspect the linkage for bending and damage and the dust boots for deterioration, cracks and damage. Replace any damaged parts. A qualified technician should perform these services.

Tires

Check tire pressure and check tires for damage and uneven wear. If the vehicle is equipped with a spare tire, check the condition and pressure of the spare. See your *Owner's Manual* for more information.

Transaxle/Transmission Fluid

Inspect or replace at specified intervals. When performing inspections, check each component for signs of leakage. If you discover any leakage, have it repaired by a qualified technician immediately.

Transfer Case Oil

Check for correct oil level and inspect each component for signs of leakage. If you discover any leakage, have it repaired immediately by a qualified technician. For correct oil, refer to your *Owner's Manual*.

Vacuum Pump for Brake Booster

Replace at specified intervals. A qualified technician should perform this service.

Wiper Blades

The wiper blades should not show any signs of cracking, splitting, wear, contamination or deformation. The wiper blades should clear the windshield without streaking or skipping.